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(54) Title: PROSTATE SPECIFIC PROTEINS EXPRESSED IN CANCER AND METHODS OF USE THEREOF

(57) Abstract: Cancer-linked gene sequences, and derived amino acid sequences, are disclosed along with processes for assaying potential antitumor agents based on their modulation of the expression of these cancer-linked genes. Also disclosed are antibodies that react with the disclosed polypeptides and methods of using the antibodies to treat cancerous conditions, such as by using the antibody to target cancerous cells *in vivo* for purposes of delivering therapeutic agents thereto. Also described are methods of diagnosing using the gene sequences.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/42406

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8): C12Q 1/00(2006.01);C07K 1/00 16/00

USPC: 435/4;530/350,387.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/4; 530/350, 387.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y,P | Pastan et al (WO2004/092213) | 1-33 |

☐ Further documents are listed in the continuation of Box C.☐ Sec patent family annex.

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